

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085662.D
 Acq On : 22 Mar 2016 12:12
 Operator : UM/SJ
 Sample : H1799-11 10X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOU2-SB38(10-13)

Manual Integrations
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Quant Time: Mar 22 13:23:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	116266m	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	473933	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	189103	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	312860	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	226378	20.00	ng	-0.02
86) Perylene-d12	15.42	264	219191	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	116444	16.82	ng	-0.02
7) Phenol-d6	6.47	99	144286	16.25	ng	-0.02
23) Nitrobenzene-d5	7.40	82	83990	10.29	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	20438	11.03	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	172088	11.68	ng	-0.02
78) Terphenyl-d14	12.94	244	107145	11.39	ng	-0.02
Target Compounds						Qvalue
70) Phenanthrene	11.38	178	34760	2.11	ng	100
74) Fluoranthene	12.57	202	42611	2.47	ng	90
77) Pyrene	12.80	202	36025	2.22	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

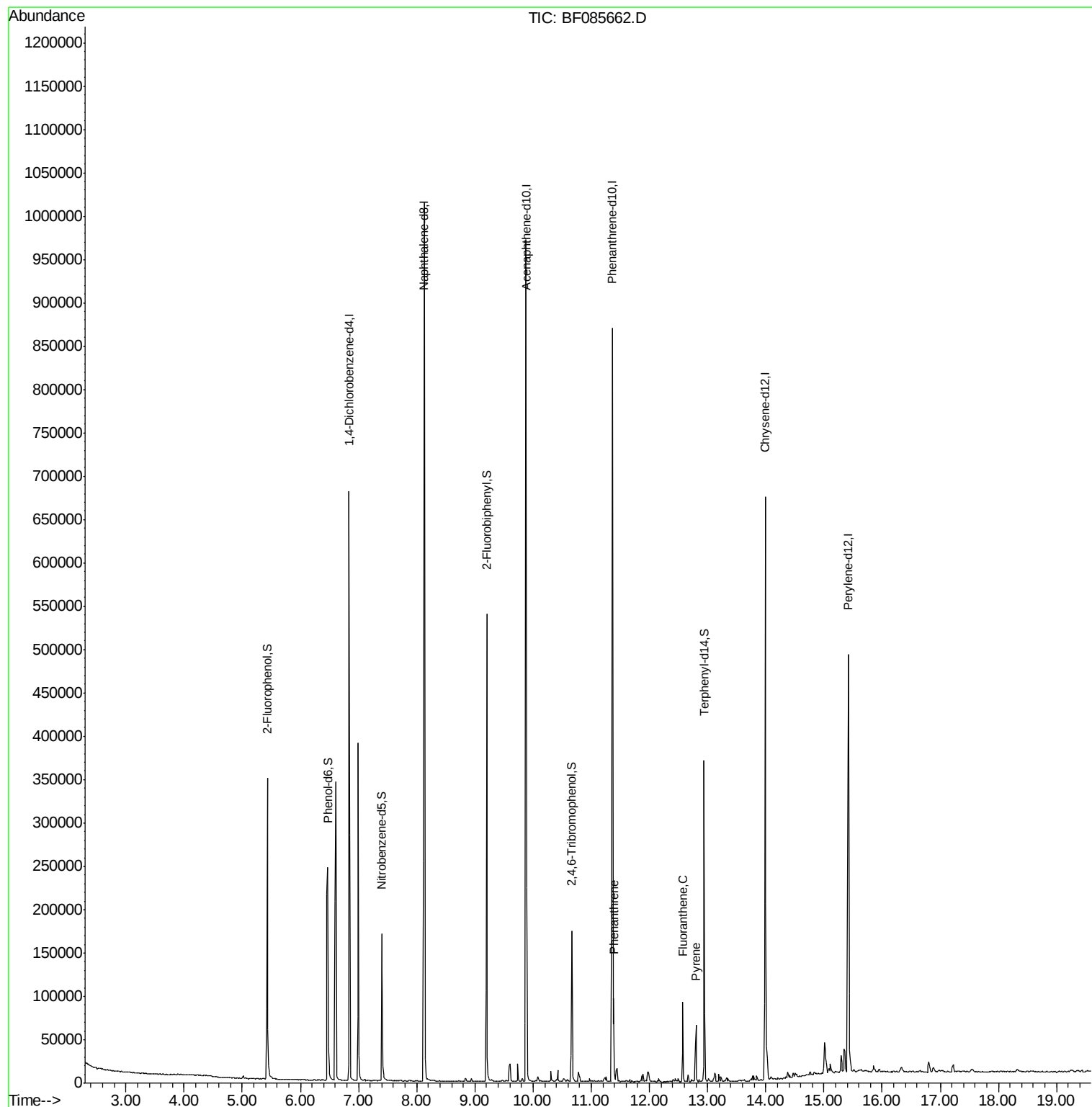
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
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ALS Vial : 45 Sample Multiplier: 1

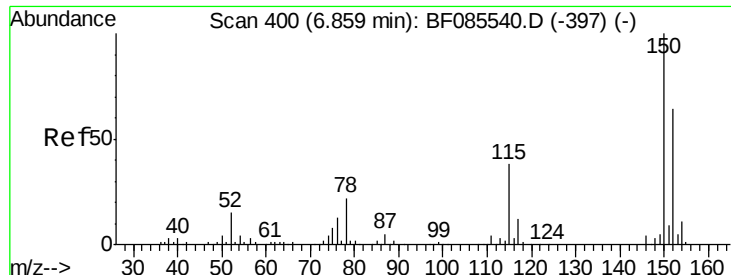
Instrument :
BNA_F
ClientSampleId :
AOU2-SB38(10-13)

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Quant Time: Mar 22 13:23:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng m

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085662.D

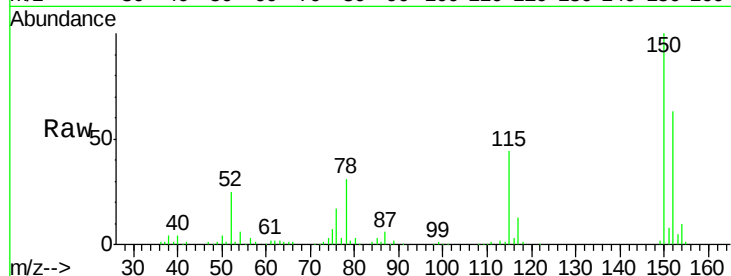
Acq: 22 Mar 2016 12:12

Instrument :

BNA_F

ClientSampleId :

AOU2-SB38(10-13)



Tgt Ion:152 Resp: 116266

Ion Ratio Lower Upper

152 100

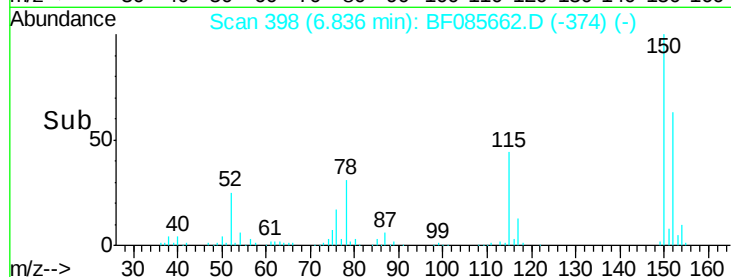
150 159.2 124.2 186.2

115 70.7 47.0 70.6#

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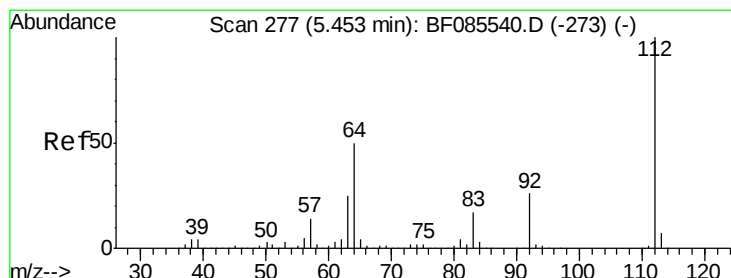
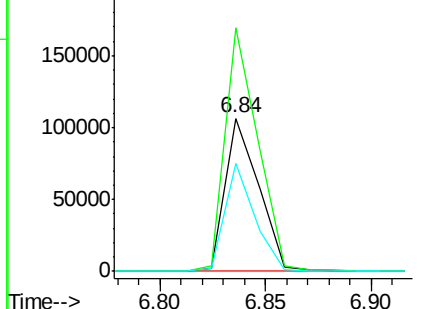
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 16.82 ng

RT: 5.43 min Scan# 275

Delta R.T. -0.02 min

Lab File: BF085662.D

Acq: 22 Mar 2016 12:12

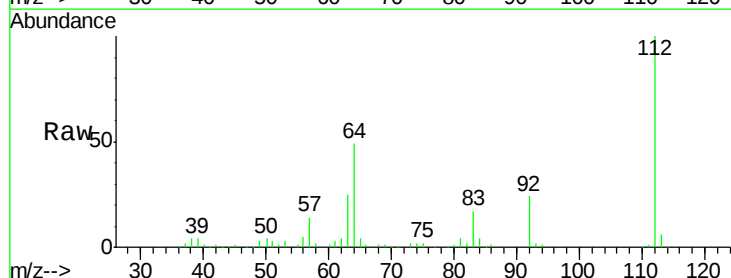
Tgt Ion:112 Resp: 116444

Ion Ratio Lower Upper

112 100

64 48.9 39.9 59.9

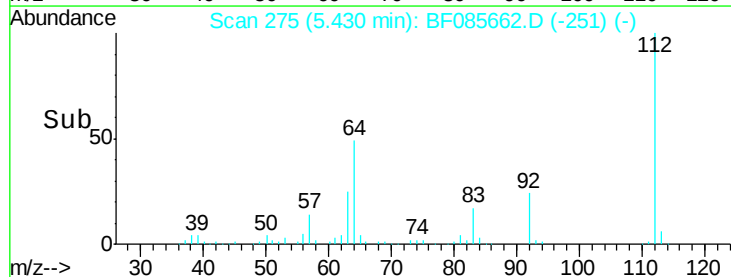
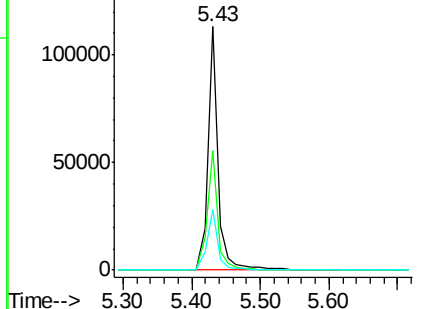
63 25.1 20.2 30.2

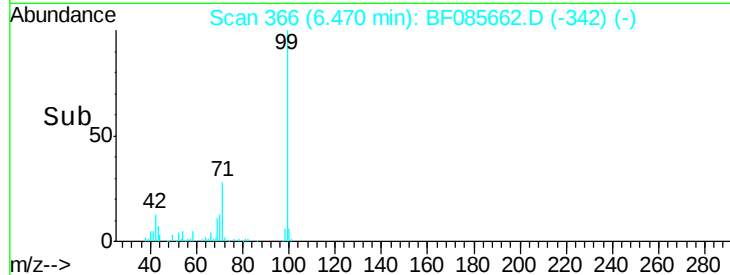
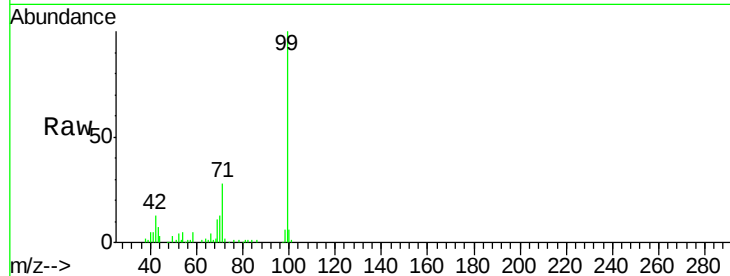


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 16.25 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085662.D

Acq: 22 Mar 2016 12:12

Tgt Ion:	99	Resp:	144286
Ion Ratio	Lower	Upper	
99	100		
42	12.8	11.1	16.7
71	27.7	24.9	37.3

Instrument :

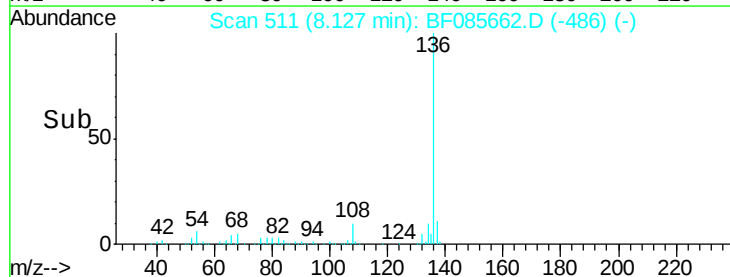
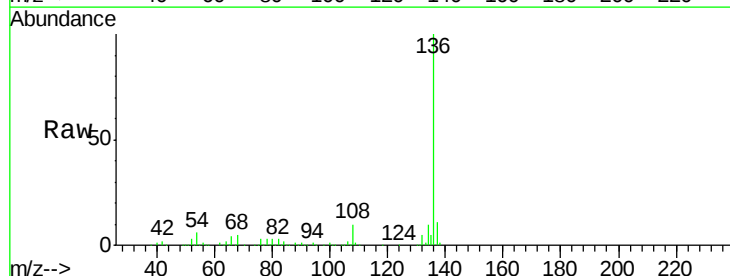
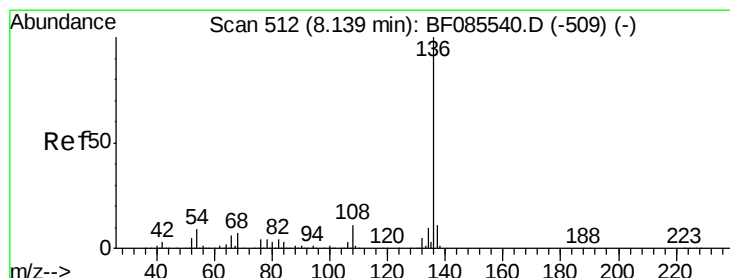
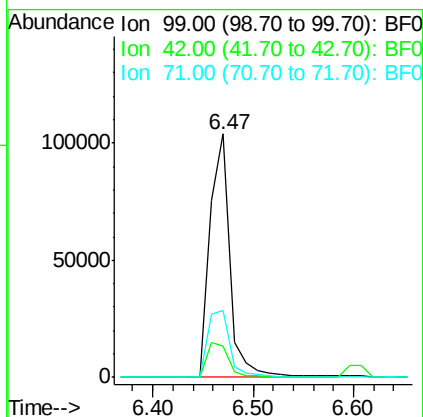
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#21

Naphthalene-d8

Concen: 20.00 ng

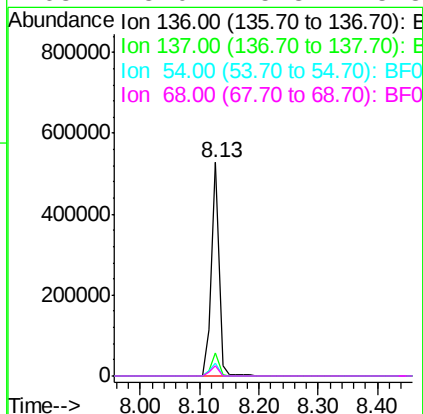
RT: 8.13 min Scan# 511

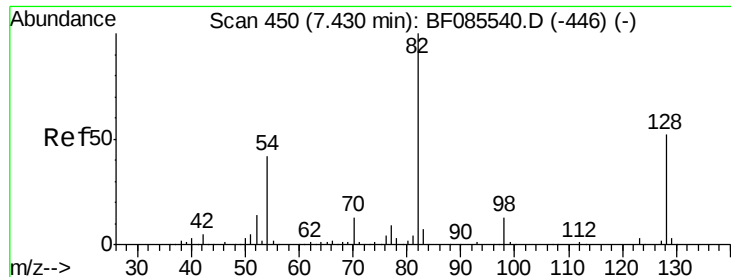
Delta R.T. -0.01 min

Lab File: BF085662.D

Acq: 22 Mar 2016 12:12

Tgt Ion:	136	Resp:	473933
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.1	13.7
54	5.9	7.4	11.0#
68	5.0	5.8	8.8#





#23

Nitrobenzene-d5

Concen: 10.29 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF085662.D

Acq: 22 Mar 2016 12:12

Instrument :

BNA_F

ClientSampleId :

AOU2-SB38(10-13)

Tgt Ion: 82 Resp: 83990

Ion Ratio Lower Upper

82 100

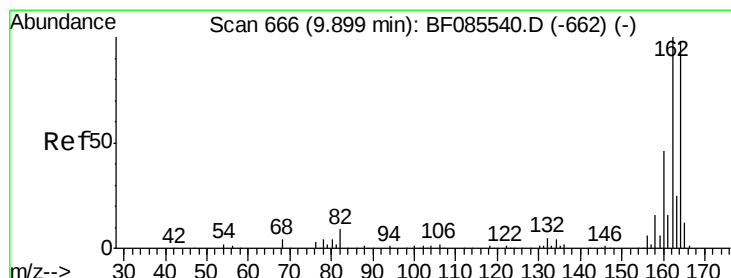
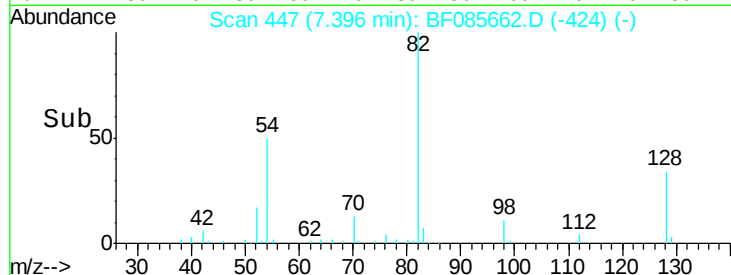
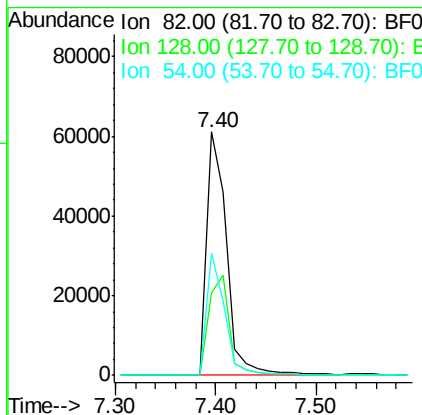
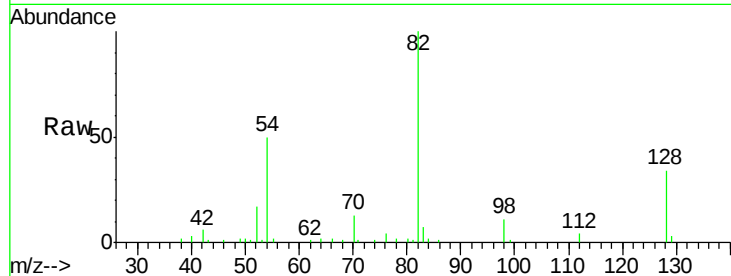
128 33.8 41.8 62.8#

54 50.3 33.4 50.0#

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#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF085662.D

Acq: 22 Mar 2016 12:12

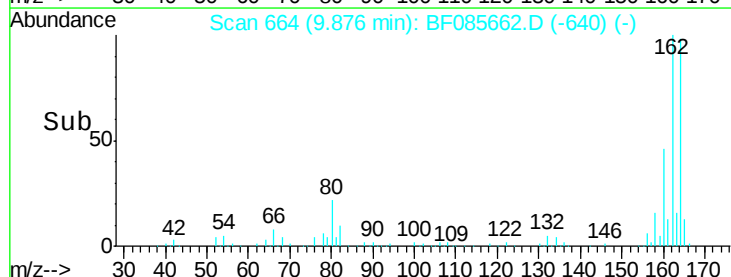
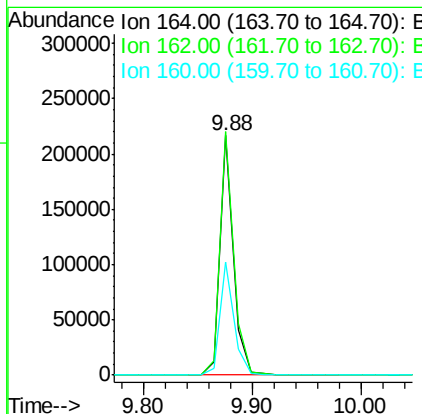
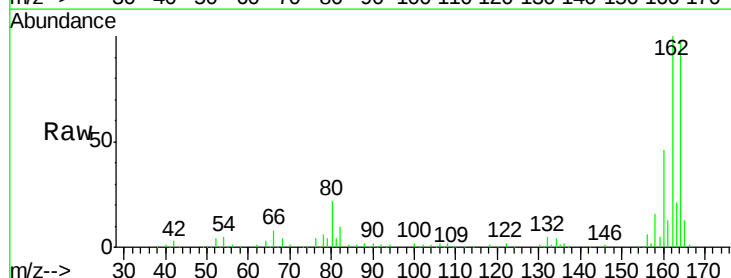
Tgt Ion: 164 Resp: 189103

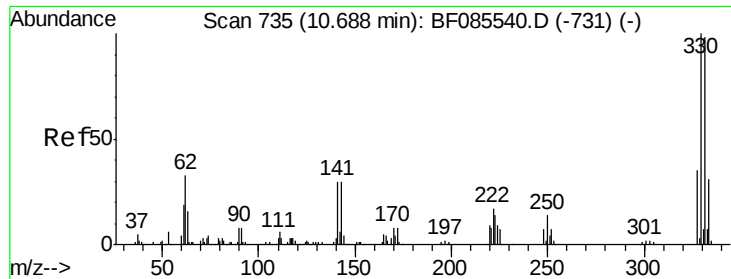
Ion Ratio Lower Upper

164 100

162 101.6 82.1 123.1

160 47.2 37.4 56.2





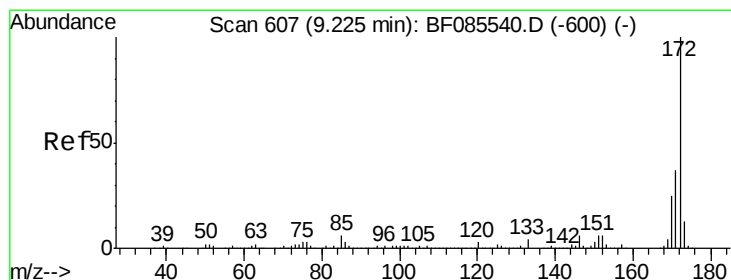
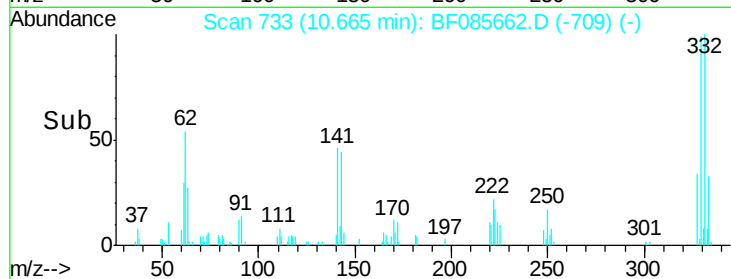
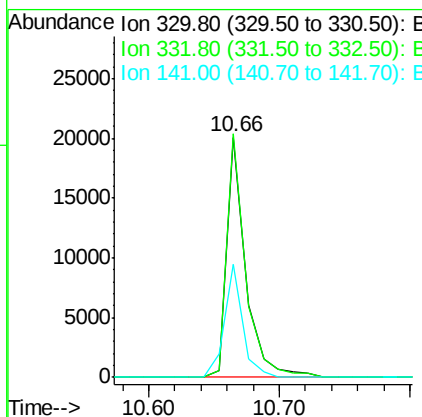
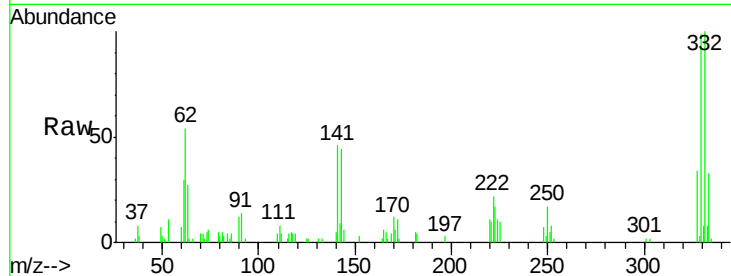
#41
 2,4,6-Tribromophenol
 Concen: 11.03 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085662.D
 Acq: 22 Mar 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :
 AOU2-SB38(10-13)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	20438		
332	99.5	78.2	117.2	
141	44.9	31.5	47.3	

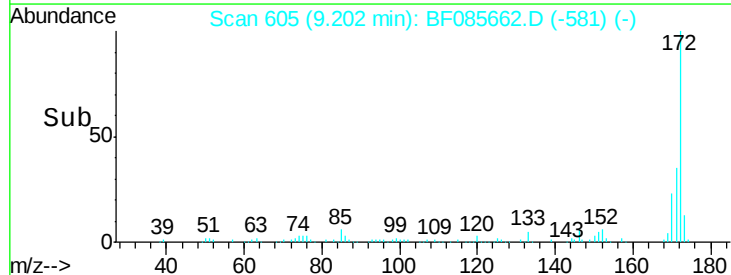
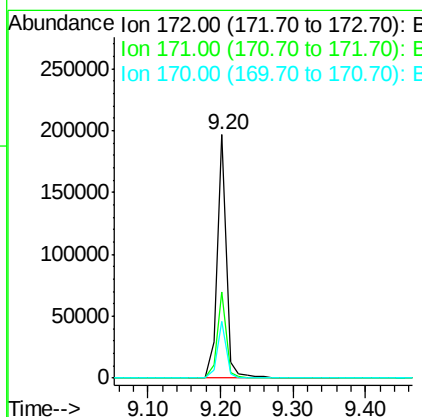
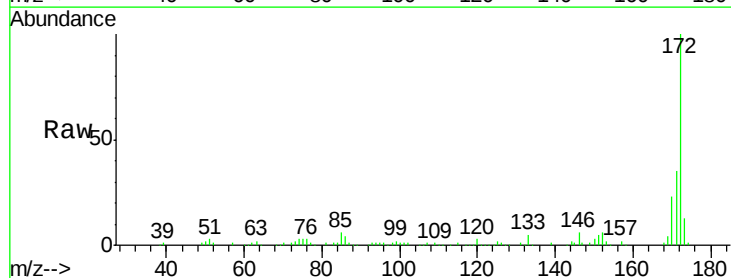
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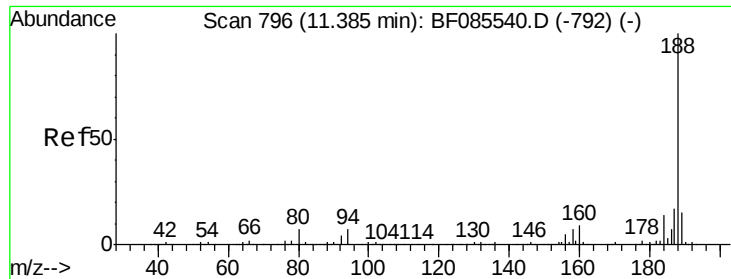
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#44
 2-Fluorobiphenyl
 Concen: 11.68 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085662.D
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Tgt Ion	Ratio	Resp	Lower	Upper
172	100	172088		
171	35.2	29.4	44.2	
170	23.1	19.8	29.6	





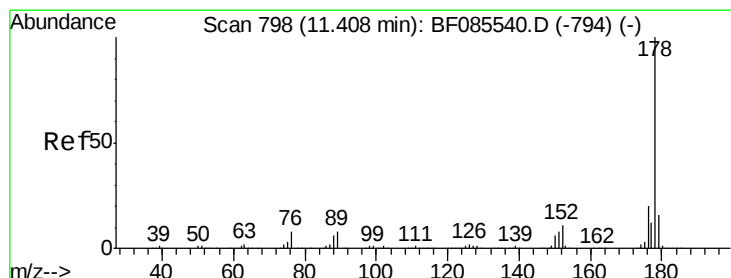
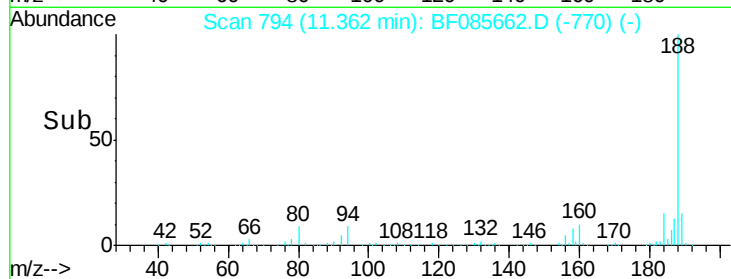
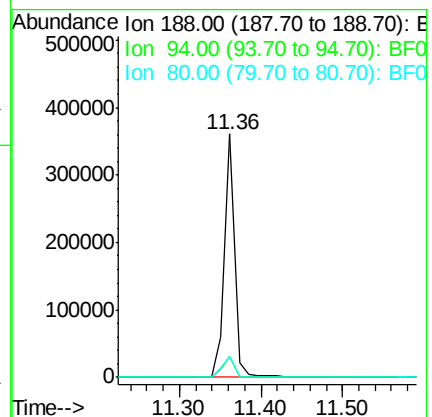
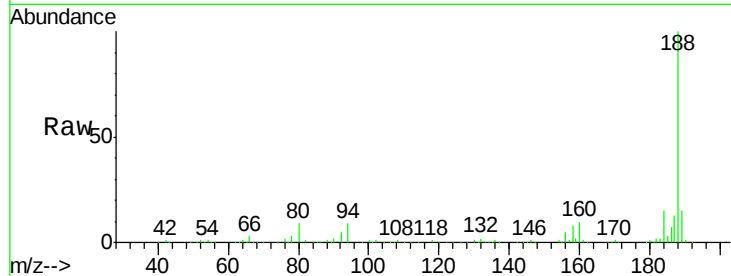
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085662.D
Acq: 22 Mar 2016 12:12

Instrument :
BNA_F
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AOU2-SB38(10-13)

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	5.4	8.0#
80	8.6	5.5	8.3#

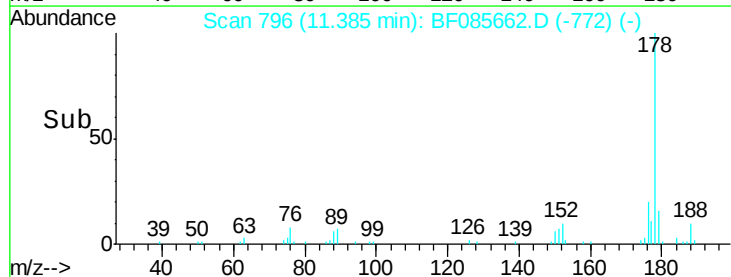
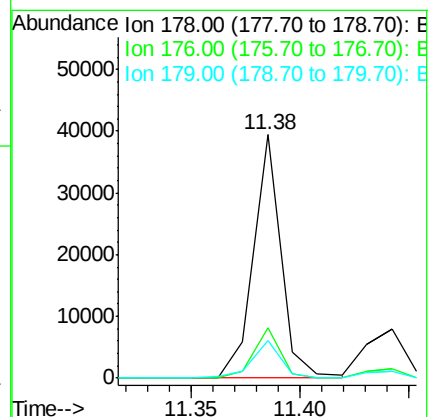
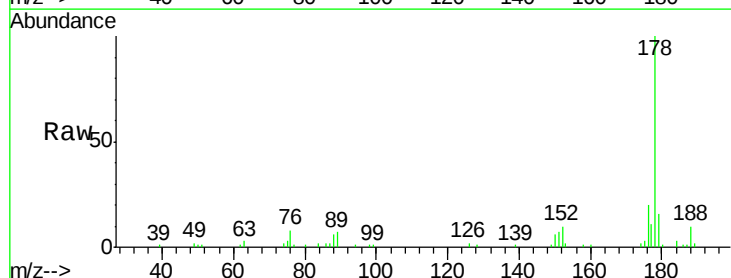
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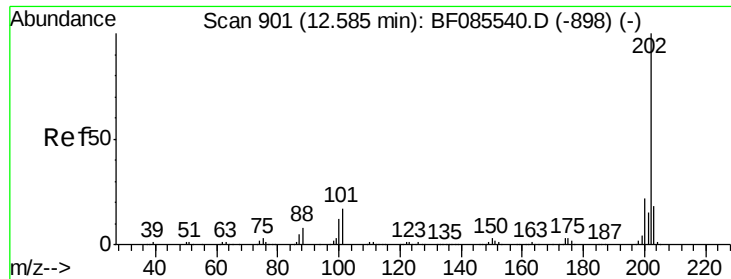
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#70
Phenanthrene
Concen: 2.11 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF085662.D
Acq: 22 Mar 2016 12:12

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.5	16.3	24.5
179	15.6	12.6	18.8





#74

Fluoranthene

Concen: 2.47 ng

RT: 12.57 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF085662.D

Acq: 22 Mar 2016 12:12

Instrument :

BNA_F

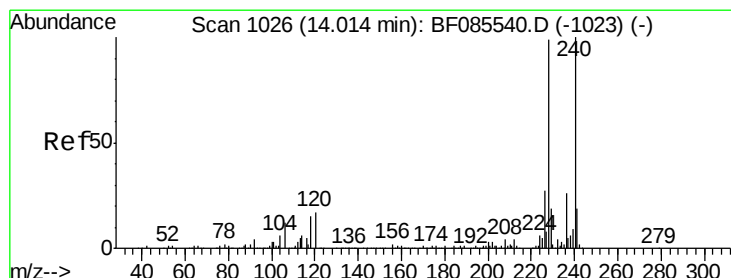
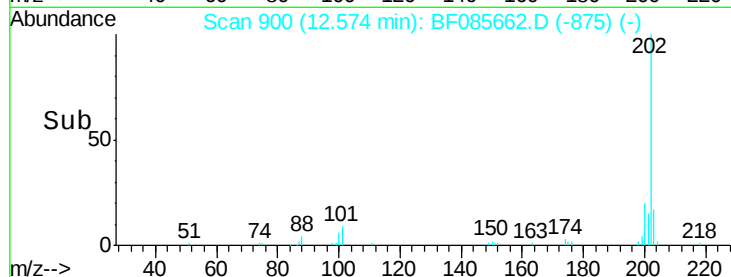
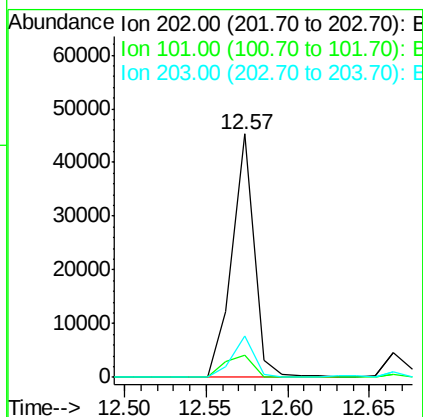
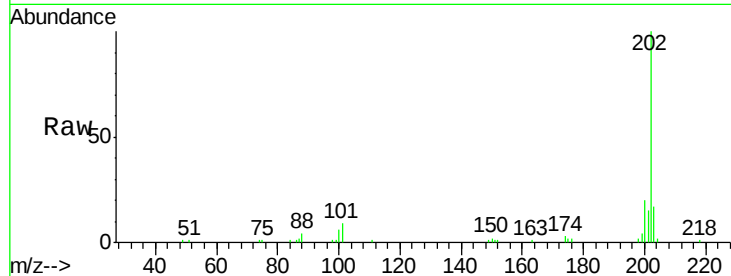
ClientSampleId :

AOU2-SB38(10-13)

Tgt	Ion	202	Resp:	42611
Ion	Ratio	Lower	Upper	
202	100			
101	9.2	0.0	36.6	
203	17.0	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.00 ng

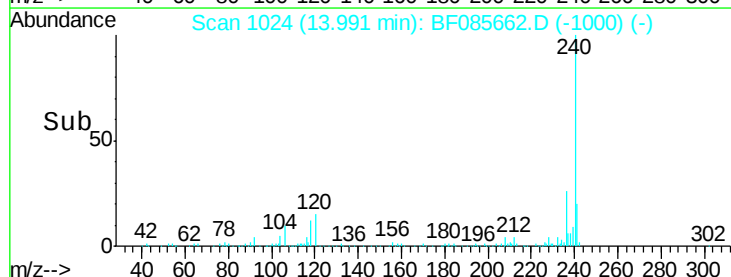
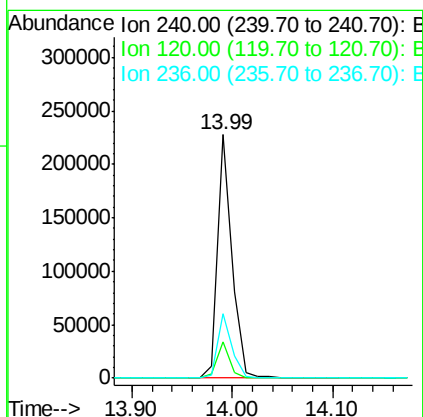
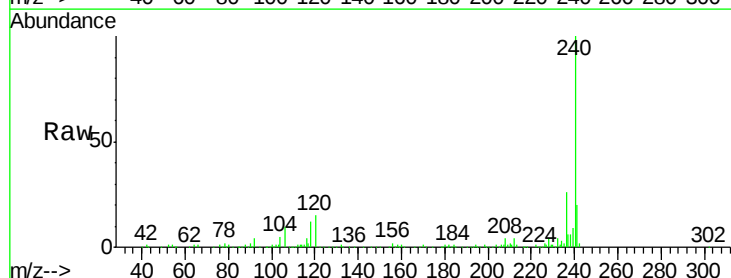
RT: 13.99 min Scan# 1024

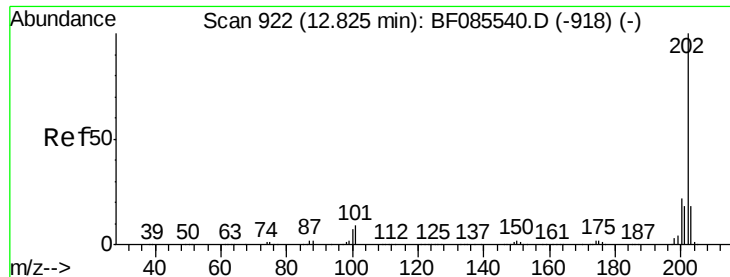
Delta R.T. -0.02 min

Lab File: BF085662.D

Acq: 22 Mar 2016 12:12

Tgt	Ion	240	Resp:	226378
Ion	Ratio	Lower	Upper	
240	100			
120	14.8	13.8	20.8	
236	26.2	20.6	30.8	





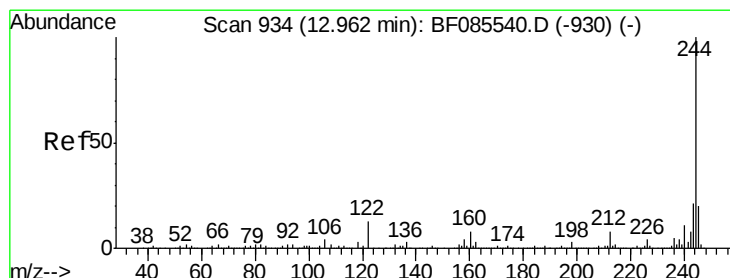
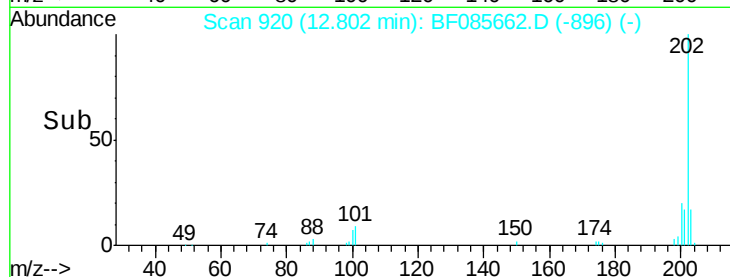
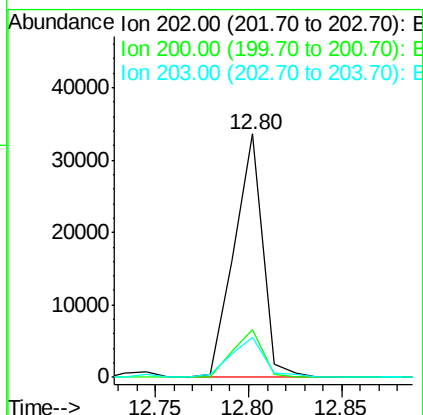
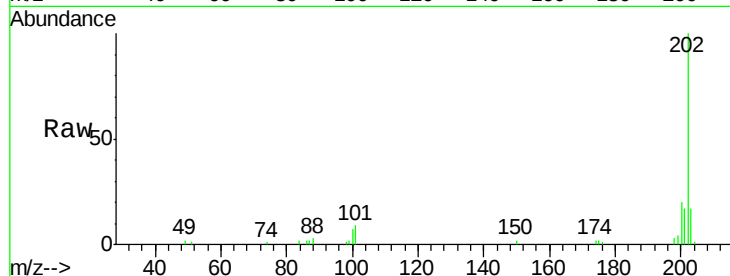
#77
 Pyrene
 Concen: 2.22 ng
 RT: 12.80 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: BF085662.D
 Acq: 22 Mar 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :
 AOU2-SB38(10-13)

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	19.8	17.6	26.4
203	16.6	14.0	21.0

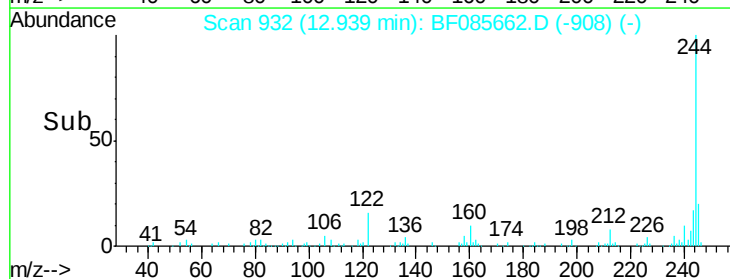
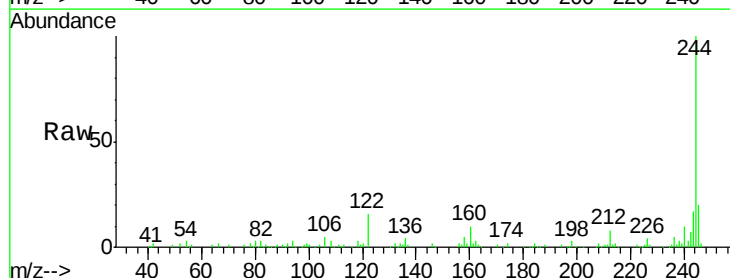
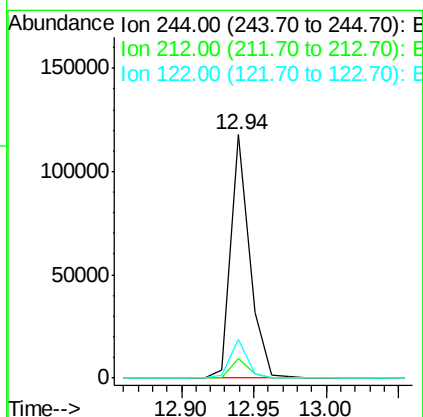
Manual Integrations
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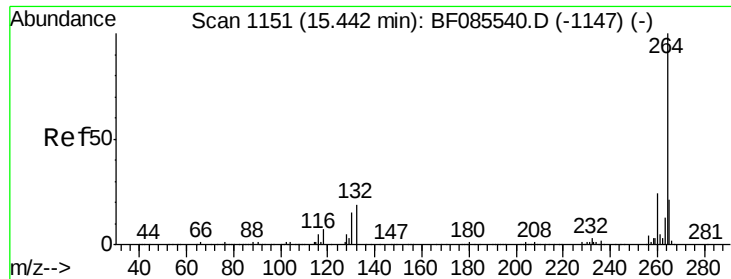
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#78
 Terphenyl-d14
 Concen: 11.39 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF085662.D
 Acq: 22 Mar 2016 12:12

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.8	6.1	9.1
122	15.9	10.2	15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF085662.D
Acq: 22 Mar 2016 12:12

Instrument :
BNA_F
ClientSampleId :
AOU2-SB38(10-13)

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.4	19.4	29.2
265	21.8	17.2	25.8

Manual Integrations
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